

M 4.1, 16 km WSW of Klamath, CA

Origin Time: 2024-01-23 05:26:10 UTC (Mon 21:26:10 local)
Location: 41.4830° N 124.1743° W Depth: 25.9 km

PAGER Version 4

Created: 1 week, 0 days after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Intensity	Percentage
I	65%
II-III	30%
IV	4%

Estimated Economic Losses

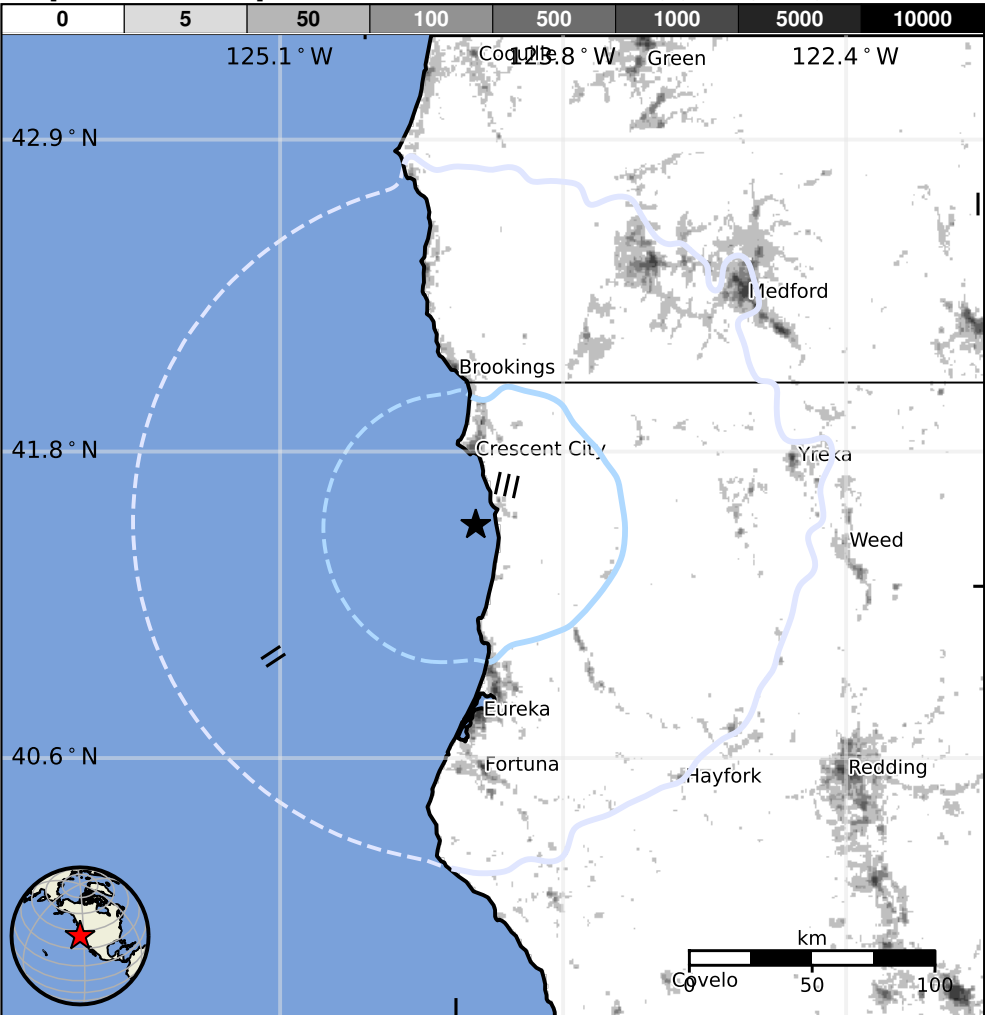
Intensity	Percentage
I	65%
II-III	30%
IV	4%

Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		617k*	478k	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2000-09-03	376	5.0	VI(77k)	0
1980-11-08	42	7.3	IX(16k)	0
1993-09-21	201	6.0	VI(47k)	1

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Harbor	2k
III	Brookings	6k
III	Westhaven-Moonstone	1k
III	Bertsch-Oceanview	2k
II	McKinleyville	15k
II	Crescent City	8k
II	Eureka	27k
II	Grants Pass	35k
II	Medford	75k
I	Redding	90k
I	Chico	86k